

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L18	1	(10/411707).APP.	USPAT; USOCR	AND	OFF	2008/04/23 17:35
S1	2	((JEAN-MICHEL) near2 (MORELLE)).INV.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/11/28 11:25
S2	273	"20020007936" or "6335548" or "6301779" or "5519720" or "20010030866" or "6561680" or "20030058650" or "6645783" or "6670207" or "6441943" or "20030168670" or "20040084681" or "20010026011" or "20020004251" or "20020154379" or "20030002179" or "20040160657" or "20040052077"	US-PGPUB; USPAT; USOCR	AND	OFF	2007/11/27 16:46
S3	1	"20020101717"	US-PGPUB; USPAT; USOCR	AND	OFF	2007/11/27 16:43
S4	781	361/720.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/27 16:53
S5	10943	257/676,98-100,459,431. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/27 16:54
S6	2338	362/294.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/27 16:54
S7	1404	(S4 or S5 or S6) (mass or slug or sink) (led or (light adj1 emitting adj1 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/27 16:56

S8	290	S7 (semiconductor) (overmolded or isolat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/27 16:57
S9	693	S7 (semiconductor) (overmolded or isolat\$3 or insulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/12 11:23
S10	761	361/720.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/28 11:25
S11	10943	257/676,98-100,459,431. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/28 11:25
S12	2338	362/294.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/28 11:25
S13	1404	(S10 or S11 or S12) (mass or slug or sink) (led or (light adj1 emitting adj1 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/28 15:04
S14	693	S13 (semiconductor) (overmolded or isolat\$3 or insulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/28 11:25
S15	311	S14 dissipat\$3	US-PGPUB; USPAT; USOCR	AND	OFF	2007/11/28 11:26
S16	62	S15 (electrical adj1 conduct \$3)	US-PGPUB; USPAT; USOCR	AND	ON	2007/11/28 11:33
S17	249	S15 not S16	US-PGPUB; USPAT; USOCR	AND	ON	2007/11/28 11:34
S18	206	S17 (laser or weld\$3 or beam)	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/12 11:16
S19	0	S18 (exothermic or autogenous)	US-PGPUB; USPAT; USOCR	AND	ON	2007/11/28 11:38

S20	63	S18 copper plastic	US-PGPUB; USPAT; USOCR	AND	ON	2007/11/28 11:53
S23	14	WOERNER KLAUS W ET AL	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/28 12:07
S24	1	S18 (transparent near (laser))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/28 12:14
S25	9	S18 (weld\$3 near (laser))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/28 12:14
S26	0	("2004/0201025").URPN.	USPAT	AND	OFF	2007/11/28 12:45
S27	1	("2006/0131596").URPN.	USPAT	AND	OFF	2007/11/28 12:50
S28	43	("20010030866"   "20020117964"   "20030057421"   "20030160256"   "20030189830"   "20040012958"   "20040042212"   "20040065894"   "20040135162"   "20040218388"   "20040228106"   "20040228107"   "20040233665"   "20050001537"   "20050116235"   "20050265029"   "20060098438"   "20060131596"   "20060131601"   "20060138621"   "20060198147"   "4742432"   "4774434"   "5727310"   "5857767"   "5882774"   "5897329"   "5998935"   "6080467"   "6130646"   "6164789"   "6274924"   "6362964"   "6428189"   "6452217"   "6498355"   "6531230"   "6541800"   "6714348"   "6784462"   "6936855"   "6969874"   "7030423").PN. OR	US-PGPUB; USPAT; USOCR	AND	OFF	2007/11/28 12:50

		("7285802").URPN.				
S29	1	(09/727726).APP.	USPAT; USOCR	AND	OFF	2007/11/28 13:01
S30	51	("4394679"   "4733335"   "4959761"   "5186535"   "5264998"   "5440468"   "5513082"   "5782555"   "5785418"   "5857767"   "5975715"   "6045240").PN. OR ("6517218").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/11/28 13:05
S31	7	("20010030866"   "6045240"   "6121995"   "6517218"   "6590773"   "6964501"   "6999318").PN. OR ("7218041").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/11/28 14:45
S32	0	2002007936S1	US-PGPUB; USPAT; USOCR	AND	OFF	2007/11/28 14:45
S33	10	"2002007936"\$1	US-PGPUB; USPAT; USOCR	AND	OFF	2007/11/28 14:47
S34	1239	woerner	US-PGPUB; USPAT; USOCR	AND	OFF	2007/11/28 14:47
S35	8	woerner near klaus	US-PGPUB; USPAT; USOCR	AND	OFF	2007/11/28 14:47
S36	2626	(S10 or S11 or S12) (mass or sink or thermal or dissipat\$3 or radiator near (mass or sink or thermal or dissipat\$3 or radiator)) (led or (light adj1 emitting adj1 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/28 15:07
S37	2626	S36 (mass or sink or thermal or dissipat\$3 or radiator near (isolat\$3 or nonconduct\$3 or insulat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/12 11:18
S38	2343	362/294.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/12/12 11:17
S39	750	S38 (laser or weld\$3 or beam or autogeneous)	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/12 11:17
S40	1113	S38 (mass or sink or thermal or dissipat\$3 or radiator near (laser or weld\$3 or beam or autogeneous))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/12 11:21

S41	531	S39 (mass or sink or thermal or dissipat\$3 or radiator near (laser or weld\$3 or beam or autogeneous))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/12 11:21
S42	264	S41 (semiconductor or package or LED or emitting) (overmolded or isolat\$3 or insulat\$3 or resin or plastic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/12 11:24
S43	248	S42 conduct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/12 11:24
S44	67	("3899826"   "4478588"   "4727283"   "4882617"   "5440658"   "5514627"   "5557115"   "5578839"   "5606182"   "5648687"   "5652434"   "5798537"   "5813752"   "5813753"   "5847507"   "5910661"   "5998925"   "6051849"   "6066861"   "6084252"   "6158882"   "6163038"   "6204523"   "6252254"   "6274924"   "6302595").PN. OR ("6541800").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/12/12 13:12
S45	1	S41 (laser near (sink or thermal or mass or slug))	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/12 13:15
S46	783	361/720.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/12/12 13:15
S47	10973	257/676,98-100,459,431. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/12/12 13:15
S48	31	(S46 or S47) (laser near (sink or thermal or mass or slug))	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/12 13:21
S49	1	361/704.ccls. (laser near (sink or thermal or mass or slug))	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/12 13:21

S50	27	"361"/\$7.cds. (laser near (sink or thermal or mass or slug))	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/13 11:31
S51	13	("20010032985"   "20020063329"   "20020124375"   "20030168720"   "5606182"   "5825794"   "6168070"   "6188130"   "6274924"   "6335548"   "6498355"   "6642652"   "6791181").PN. OR ("7170151").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/12/12 16:04
S52	55	(laser adj weld\$3 near (sink or mass or slug or dissipat\$3 or thermal or transfer))	US-PGPUB; USPAT; USOCR	AND	OFF	2007/12/12 16:05
S53	56	(laser adj weld\$3 near (sink or mass or slug or dissipat\$3 or thermal or transfer))	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/12 16:06
S54	537149	(laser or autogenous adj weld \$3 near (sink or mass or slug or dissipat\$3 or thermal or transfer))	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/12 16:06
S55	537149	(laser or autogenous adj (weld\$3 near (sink or mass or slug or dissipat\$3 or thermal or transfer)))	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/12 16:07
S56	273608	S55 (IED or emitting or semiconductor)	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/12 16:09
S57	89531	S56 (sink or mass or slug or raidator or dissipat\$3 or thermal near (thermally adj coupled adj to near (mass or slug or radiator or dissipat\$3 or sink or thermal)))	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/12 16:13
S58	89534	S56 (sink or mass or slug or raidator or dissipat\$3 or thermal near (thermally adj coupled))	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/12 16:14
S59	88	S57 (sink near (thermally adj coupled))	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/12 16:15
S60	88	S59 laser	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/12 16:15
S61	11	"6924514" or "20040079957" or "20030038346"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/12/13 10:52

S62	58	"5529959" or "20040061433" or "6614358" or "20040004435"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/12/13 10:52
S63	2347	362/294.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/12/13 11:32
S64	10985	257/676,98-100,459,431. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/12/13 11:32
S65	148	(S63 or S64) (thermoccompression adj bond \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/13 11:34
S66	14	S65 (led) (heat adj sink)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/13 11:34
S67	0	(S63 or S64) (thermoccompression adj bond \$3 near (sink))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/13 11:34
S68	14	("20040259279"   "5376580"   "5502316"   "5661316"   "5779924"   "5793062"   "6177359"   "6320206"   "6420199"   "6525335"   "6649440"   "6800500"   "6831302"   "6956246").FN. OR ("7256483").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/12/13 11:41
S69	109	("4771016"   "4775645"   "4846931"   "4864369"   "4864371"   "4883561"   "4902356"   "4921817"   "4971925"   "4992837"   "5008718"   "5087585"   "5110748"   "5135877"   "5153889"   "5244817").FN. OR ("5376580").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/12/13 12:05

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